

IN THE CLAIMS:

This listing of the claims replaces all previous listing of the claims.

1. (Original) A method in a transmitter for data collision avoidance in an uncoordinated frequency hopping communication system comprising:
  - determining that a first data set to be sent to a first device and a second data set to be sent to a second device are scheduled to be transmitted simultaneously on a first frequency;
  - transmitting one of the first data set and the second data set on the first frequency;
  - delaying transmission of an other of the first data set and the second data set; and
  - transmitting the other of the first data set and the second data set on a second frequency.
2. (Original) The method according to claim 1, delaying transmission of the second data set temporally to the next scheduled transmission time.
3. (Original) The method according to claim 2, wherein the first frequency is one of a plurality of frequencies of a first frequency hopping pattern.
4. (Original) The method according to claim 2, wherein the second frequency is one of a plurality of frequencies of a second frequency hopping pattern.
5. (Original) The method according to claim 3, wherein the second frequency is one of a plurality of frequencies of a second frequency hopping pattern.

6. (Original) The method according to claim 5, further comprising transmitting the second data set on a frequency which is sequentially next in a frequency hop-set.

7. (Original) The method according to claim 3, further comprising, prior to, transmitting one of the first data set and the second data set, randomly selecting either the first data set or the second data set to be transmitted first.

8. (Original) The method according to claim 7,  
wherein transmitting one of the first data set and the second data set further comprises transmitting the randomly selected data set of the first or second data set during a scheduled transmission frame and on a scheduled transmission frequency, and  
wherein delaying further comprises delaying the data set of the first or second data set not randomly selected to the next scheduled transmission frame.

9. (Original) The method according to claim 8, wherein transmitting the other of the first data set and the second data set further comprises transmitting the data set not randomly selected at the next scheduled frame and on the next scheduled transmission frequency.

10. (Original) The method according to claim 9, further comprising assigning a first sub-channel code to the first device.

11. (Original) The method according to claim 10, further comprising inserting the sub-channel code, that correlates to the first sub-channel code assigned to the first device, into the first data set to be transmitted.

12. (Original) The method according to claim 11, further comprising assigning a second sub-channel code to the second device.

13. (Original) The method according to claim 12, further comprising inserting the second sub-channel code, that correlates to the second sub-channel code assigned to the second device into the second data set to be transmitted to the second device.

14. (Original) A method in a transmitter for data collision avoidance in an uncoordinated frequency hopping communication system comprising:

determining that a first data set to be sent to a first device and a second data set to be sent to a second device are scheduled to be transmitted simultaneously on a first frequency;

transmitting the first data set on the first frequency; and  
discarding the second data set.

15-22 (Previously Cancelled)

23. (Original) A method in a transmitter for data collision avoidance in a frequency hopping communication system comprising:

determining that a first data set to be sent to a first device and a second data set to be sent to a second device are scheduled to be transmitted simultaneously on a first uncoordinated frequency hopping frequency;

transmitting the first data set on the first frequency hopping frequency;  
delaying transmission of the second data set;  
transmitting the second data set on a second frequency hopping frequency;  
transmitting a third data set to a third device on a first coordinated frequency hopping frequency.

24 – 25 (Previously Cancelled)